

# hf Happenings

Volume 13, Issue 38

No 662

the week of 6 July 2015

## HF Happenings

You are right; there was no HF Happenings last week. After our visit to Ham Radio in Friedrichshafen, Carina and I spent a week in Switzerland visiting Andy, HB9JOE, and Eva, HB9FPM.

## ZS90SARL

The ZS90SARL call sign is going to be active until 31 December 2015. To date, 12 159 contacts have been made with 4 515 confirmations according to Logbook of the World. ZS90SARL has already achieved a mixed mode DXCC and is six more confirmations away from a CW DXCC. If you would like to operate ZS90SARL, please send an e-mail to [sarl90@sarl.org.za](mailto:sarl90@sarl.org.za) giving the dates of operation.

## 2015 IARU Contest

Just a reminder that the 2015 International Amateur Radio Union (IARU) HF World Championship takes place this weekend from 12:00 UTC on 11 July to 12:00 UTC 12 July. The object of the contest is to contact other amateurs around the world, especially IARU officials and member society HQ stations in as many ITU zones as possible. Look for activity on 160, 80, 40, 20, 15 and 10 meters using CW and SSB.

You will find detailed information at [www.arrl.org/iaru-hf-championship](http://www.arrl.org/iaru-hf-championship) and [www.iaru.org/contests.html](http://www.iaru.org/contests.html). A list of HQ multipliers has been posted on the web at <https://dl.dropboxusercontent.com/u/26517/03/HQ2015.txt>

South Africa is in ITU Zone 57; the multiplier for ZS9HQ is SARL and for ZS4BS is R1

## DXCC News

Sharon Taratula, Awards Manager, reports that the following operations have been recently approved for DXCC credit:

5J0B - 2015 Operation  
FO/K8PGJ - 2015 Operation  
9N7JX - 2014 Operation  
9N7TB - 2015 Operation  
T6/IV3FHA - 2015 Operation  
TT8ES - 2012-2014 Operation  
TT8CY - 2015 Operation  
9Q0HQ - 2015 Operation  
CE0Y/RW3RN - 2015 Operation  
YJ0MT - 2015 Operation  
E41WT - 2014/2015 Operation  
E41MT - 2014/2015 Operation  
ZD9ZS - 2014 Operation

If you have had cards for these operations rejected in a recent application, please send an e-mail to the ARRL DXCC Desk at [dxccadmin@arrl.org](mailto:dxccadmin@arrl.org) or to Sharon Taratula at [staratula@arrl.org](mailto:staratula@arrl.org) and you will be placed on the list for an update.

## The Pattern of CQ WW Contact Padding Prompts Disqualifications and a Review of Past Contest Logs

The CQ World Wide Contest Committee said on 25 June that it plans to review all past CQ WW contest logs, after its investigation revealed a pattern of routine QSO padding on the part of one top-scoring CQ WW participant.

<http://cqww.com/blog/ut5ugr-log-padding-in-cq-ww/>

This follows in the wake of the disqualifications of some two dozen 2014 CQ WW SSB contest operators in April, and another 30 contestants in the 2014 CQ WW CW event. <http://www.arrl.org/news/cq-dqs-two-dozen-cq-world-wide-dx-contest-ssb-participants>



Among the latter group of DQs was the TO7A entry of Dmitry V. Stashuk, UT5UGR, of Kiev, Ukraine, for unclaimed use of assistance. TO7A had claimed the top Single Operator, High Power score.

"During the public discussion around this disqualification, a section of the log on 160 meters was pointed out as being suspicious," the committee said. "Further checking revealed a run of 47 QSOs that were added to the log when TO7A could not be detected on the air by RBN [Reverse Beacon Network] or SDR recordings. In total, as many as 123 QSOs representing 22 additional multipliers were padded into the log." The CQ WW Contest Committee said the "particular pattern" of the suspicious contacts made it clear that they were added deliberately after the contest to fill in rest or break periods.

The contest committee subsequently decided to dig more deeply into past contest logs submitted by UT5UGR, many of them competitive entries, including one for a record continental score, and it uncovered evidence of log padding going back to 2008, when UT5UGR placed third in the world in the Single Operator, High Power category from V31WA in the CQ WW CW.

As a result, CQ has disqualified UT5UGR's entries in which they detected log padding and removed them from the official score database. In addition, any entry into a CQ-sponsored contest until July 2020 in which UT5UGR is the operator or listed as a participant will be reclassified as a check log.

"This violation of the trust that underlies radiosport competition cannot be ignored," CQ said. The CQ WW Contest Committee has announced that new log checking processes were being developed to improve the detection of log padding. "We intend to test these methods against all submitted logs from 2011 to 2014. If other entries are found to have added unverifiable QSOs, we will address them on a case by case basis," CQ said.

Stashuk did not respond to an ARRL e-mail seeking comment. Read more at

## July

### 1 – Your SARL membership starts (if you have paid)

1 to 4 – Innibos National Arts Festival, Nelspruit

2 to 12 – Grahamstown National Arts Festival

3 and 4 – Wild Mushroom Weekend, Stellenbosch

3 to 5 – Indie Karoo Film Festival, Prince Albert

3 to 12 – Knysna Oyster Festival

4 – Durban July Classic

### 5 – ZS5 Sprint

11 and 12 – IARU HF Championships

11 and 12 – Franschhoek Bastille Festival

13 to 18 – Free State Arts Festival, Bloemfontein

17 – Eid-ul-Fitr

### 18 – SARL Winter QRP Contest

18 to 25 – Youth on the Air Camp, Italy

18 and 19 – Drakensberg Gardens MTB and Trail Running Challenge

19 – Scottburgh Classic Car Show

20 – All schools open

25 and 26 – RSGB Islands on the Air Contest

## August

### 2 – CQ ZS, the SARL HF Phone Contest

9 – National Women's Day; SARL YL Sprint

10 – Public Holiday

15 and 16 – International Lighthouse and Lightship Weekend

### 16 – CQ ZS, the SARL HF Digital Contest

22 – Amateur Radio in Action – Johannesburg

30 – CQ ZS, the SARL HF CW Contest

<http://www.arrrl.org/news/pattern-of-contact-padding-prompts-disqualifications-cq-review-of-all-past-contest-logs>.

## Club Log's Most Wanted List

The latest Most Wanted List, generated on 25 June, is available at

<https://secure.clublog.org/mostwanted.php>.

The information is derived from QSOs uploaded to Club Log (as of 23 June there were 298,8 million log entries available for analysis) and to improve quality, only QSOs that have QSLs confirmed are considered to be worked.

## The SARL Winter QRP Contest

The QRP contests are intended to be fun activities to promote QRP operation between radio amateurs. Using homebuilt equipment or operating as a portable/field

station and using temporary antennas is encouraged, but is not a requirement.

The Winter QRP Contest takes place from 12:00 to 15:00 UTC on Saturday 18 July with phone and CW activity and 5 watts (PEP) output or less. A station may be worked once per band per mode and there are no antenna restrictions.

The first hour is limited to the 40 m band only, the remaining two hours, the contestants are free to use any HF (non-WARC) band as they see fit. Comply with the contest-preferred segments as detailed in the general rules. It would be advantageous to use the standard QRP calling frequencies as the starting point.

The exchange is a RS or RST report and grid locator. Please consider exchanging realistic RS(T) signal reports. Please use the full 6-character grid locator, e.g. KG43eu. If the station's grid locator is unknown, then use some other means that identifies the station's location, e.g. the name of the closest town or city e.g. Middelburg (Eastern Cape), or 25 km NW of Bloemfontein.

With DX contacts the locator information can be omitted, the RS(T) report will suffice as the minimum required exchange as per the general rules.

Each contact counts 1 point.

Prefix / Country multiplier - Each South African call area (0 through 9) counts as a multiplier and each DXCC country worked counts as a multiplier.

Station type multiplier - x 1 - for Home stations; x 2 - for Portable stations and x 3 - for ultra light portable field station.

The definitions listed in the general section of the South African Radio League rules define the above stations types accurately. A mobile station will be treated as a field station. A portable station not meeting the requirements as a field station will be treated as a home station.

Ultra light portable field station must comply with all the field station criteria, but the operator must carry the entire station, antenna included to the operating

site. The distance carried must not be less than 1 km.

The score = (QSO points) x (Prefix multiplier) x (Station multiplier)

Logs submitted in electronic format will be appreciated. In order of preference, the following formats are requested:

Using the provided Excel worksheet (available on South African Radio League forum or direct from the contest manager)

Send the logs in a text readable format i.e. Excel worksheet, ADIF or Cabrillo format.

In all cases please fill out the normal minimum data fields: date, time, call sign of station worked, code, RS(T) sent, exchange sent, RS(T) received, exchange received and optionally a Comment field.

If the logging program does not have a field for "contest exchange" or the alternative contest exchange is too long and does not fit in the provided entry field, then log that exchange info in the comment field.

Logs must be submitted by 25 July 2015 by e-mail to [contest@sarl.org.za](mailto:contest@sarl.org.za)

## Dayton Hamvention 2016

Every radio amateur has a bucket list, which he/she would like to achieve during their amateur radio journey. One such item has to be an opportunity to attend the annual Hamvention in Dayton, Ohio USA. Unfortunately, the current state of the global economy as well as the weak Rand makes this opportunity less viable for an individual. However, if one can leverage economies of scale, the affordability of such a tour becomes evermore into one's reach.

Etienne Naude, ZS6EFN, in conjunction with an outbound tour operator structured an affordable tour package for amateurs who, as part of a tour group, would like to attend the 2016 Hamvention to be held in Dayton from 20 to 22 May 2016.

If you are interested to go on this planned tour, please contact Etienne Naude at [etienne@afrigrid.com](mailto:etienne@afrigrid.com) or 082 553 0542 for more detail. Listen to Amateur Radio To-

day and Amateur Radio-in-Aksie on Sunday 12 July for more details on the planned tour.

## African DX

5Z4, Kenya. Giuseppe, IK2YDJ, is now active as 5Z4/IK2YDJ from Rongo until 20 July. Activity will be on 40 to 6 metres. He was spotted early this past week on 15 metres SSB. QSL via his home call sign.

C5, The Gambia. "Not the ordinary DXpedition but a unique merging of amateur radio and charity." From Saturday 15 August onward, Pedro, ON7WP, will be active from his second home "Kerr Pedro" in Buntu Village (WW Loc IK28jr), Upper Saloum District, Central River Region North, The Gambia, using his other call sign C5WP. Kerr means "house of" in local Pular language. Pedro is actively involved in a private charity organization [www.SmileGambia.org](http://www.SmileGambia.org) that supports a small village called "Buntu" inland central Gambia. It is a remote town with no water or electricity. During the past years Pedro and his family installed a water well, solar power, grinders for the pearl millet crop, a fuel powered kilowatt generator, a few laptops on solar power, a small school and some guesthouses to accept other philanthropists.

Last year he installed a Spiderbeam antenna that greatly improved his signal. Due to an almost non-existent noise level, he can hear all the weak ones and this year he is going to do some extra efforts for the lower bands, not easy on the savannah grounds. Plenty of space to put antennas but no towers apart from the palm trees and serious restrictions on any hardware that all has to be flown in by plane.

Active from Saturday evening 15 August onwards, he will focus on WARC band operation but also try some 6 metre traffic. Plans exist to put up a delta loop for 40 metres and some verticals for 40 and 80 metres. After a week of solar powered operations, he will move to the coastal area where he will focus on low bands, having possibilities for seaside travelling wave antennas

that proved to be good last year. End of the operations will be on 1 September. Another period of operations is planned later this year when Pedro will be driving a Nissan Patrol Jeep, to serve as local utility vehicle in Buntu, from Belgium to The Gambia with amateur radio on board.

There are currently only two permanent licenses issued in the Gambia, being C5WP and C5YK.

As charity work comes first, Pedro's operations will be limited to his free time. QSL will be only direct to his home address in Belgium and the three Euro asked for will be awarded with a full colour QSL card showing the Buntu Village guesthouses. Payment can be included with the card and paid using the "donate" button on the [www.SmileGambia.org](http://www.SmileGambia.org) website. The small profit goes entirely into the charity project.

Amateurs interested in operating from the Buntu village facilities are invited to contact Pedro at [c5wp@smilegambia.org](mailto:c5wp@smilegambia.org) for details. Last year we had a visit of MD Dirk, ON5OF, who did some outstanding work dealing with the health of the population. Most people never went to see a doctor in their whole life! If you dreamed of operating from a remote African location and you are ready to bring some donations for the people or improve their life by your expertise, whatever it may be, this might be an experience of a lifetime.

Tanzania, 5H. Chas, NK8O/VE3ISD, will once again return to Tanzania, but from a different area between 1 September and 1 October. Activity will be from a paediatric hospital at Zinga, between Bagamoya and Dar es Salaam. He believes the call sign will be 5H3DX. He states that he will use a simple wire antenna and his KX3 with a KXPA100 amp. QSL via EA7FTR, LoTW and eQSL.

## African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz



SSB: 28 560 28 460 24 950 21 260 18 128  
14 260 7 055 3 760 kHz

CQ, CQ, CQ,  
CQ....

Reunion Island, TO90. Mario, FR4QT, will be active as TO90R in celebration of the 90<sup>th</sup> anniversary of REF on various dates in June, July, October and December. Current days listed are 11 and 12 July, 14 July, 24 and 25 October, 12 and 13 December, 19 and 20 December and 26 December. QSL via FR4QT.



S7, Seychelles. Stan, EI6DX, will be staying on Mahe Island, Seychelles - inner islands (AF-024) from 7 to 18 July and active as S79OWZ. His QTH is at the northern side of the island with direct access to the sea and clear views to EU, RU and AS. Equipment will include a K3 and vertical antenna with elevated radials installed on the beach. This is a casual holiday style operation. All QSLs via RX3RC - bureau or direct.

S7, Seychelles (Update/Change). Giovanni "John," IZ2DPX, will be active as S79DPX from the Seychelles (AF-024) between 9 and 23 August. Activity will be holiday style on 40 to 10 metres using SSB only. Equipment is an IC-706 into a vertical multi-band antenna. QSL via his home call sign. For more details and update, see <http://iz2dpx.jimdo.com>

S7, Seychelles. A group of Polish operators (Polish DXpedition) will be active as S79SP from Mahe Island (AF-024) between 3 and 18 October. Operators mentioned are Wlodek, SP6EQZ, Jan, SP2EBP, YL Gala, SP2GKS, Jan, SP3CYY, Ryszard, SP6FX, Kris, SP6JIU and Roman, SP9FOW. Activity will be on 160 to 6 metres using CW, SSB and RTTY. QSL via SP6FX, ClubLog's OQRS, e-QSL or LoTW. For more details and updates, watch (still under construction) [www.s79sp.dxing.pl](http://www.s79sp.dxing.pl)

Rodriguez Island, 3B9. Olof, GOCKV, will once again be active as 3B9HA from Rodrigues Islands (IOTA AF-017). Activity will take place during the CQ WW DX CW Con

test, 28 and 29 November, as a Single-Op/All-Band entry. QSL via LoTW.

## History this week

The week starting 6 July 2015



1595 - Johannes Kepler inscribes the geometric solid construction of the universe

1854 - George Eastman, who invented the Kodak camera, was born

1856 - Charles E. Barnes patents a crank operated machine gun

1866 - The indelible pencil is patented by Edson P Clark of Northampton, Mass

1928 - John Logie Baird demonstrated stereoscopic 3-D television

1934 - My Mother is born

1962 - First transatlantic TV transmission via satellite (Telstar I)

1978 - Pioneer - Venus 2 Multi-probe craft launched to Venus

1981 The first solar-powered aircraft, Solar Challenger, crosses the English Channel

1987 - My daughter Chantelle is born

1999 - KPH San Francisco, the last US commercial Morse message sent

[www.radiomarine.org/](http://www.radiomarine.org/)

3018 (SR) - Gandalf continues his journey to Isengard (6 July)

3018 (SR) - Gandalf is imprisoned in Orthanc (10 July)

Get on the **RaDAR**....and GO!

**RA**DAR  
GOES GLOBAL

## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 6 to 13 July 2015

RSGB 80 m Club Championship, CW

19:00 - 20:30 UTC 6 July

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: (see rules)  
Submit logs by: 23:59 UTC 13 July 2015  
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>  
Mail logs to: (none)  
Find rules at:  
<http://www.rsgbcc.org/hf/rules/2015/r80mcc.shtml>

ARS Spartan Sprint  
01:00 - 03:00 UTC 7 July  
Mode: CW  
Bands: 80, 40, 20, 15, 10 m  
Classes: Skinny; Tubby  
Max power: 5 watts  
Exchange: RST, state, province or country and power  
Work stations: Once per band  
Submit logs by: 9 July 2015  
E-mail logs to: [spartansprint@yahoo.com](mailto:spartansprint@yahoo.com)  
Mail logs to: (none)  
Find rules at:  
<http://www.arsgrp.blogspot.com/>

CWops Mini-CWT Test  
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 8 July and 03:00 - 04:00 UTC 9 July  
Mode: CW  
Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op - QRP, low or high  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
Exchange: Member: Name and member no; non-Member: Name and state, province or country  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Multipliers: Each call once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 11 July 2015  
Post log summary at:  
<http://www.3830scores.com>  
Mail logs to: (none)  
Find rules at:  
<http://www.cwops.org/cwt.html>

QRP Fox Hunt  
01:00 - 02:30 UTC 10 July  
Mode: CW  
Bands: 20 m Only  
Classes: Single Op - fox or hound  
Max power: 5 watts  
Exchange: RST, state, province or country, name and power output  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: Total score = total QSO points  
Submit logs by: 02:30 UTC 11 July 2015  
E-mail logs to: (see rules)  
Mail logs to: (none)  
Find rules at:  
[http://www.qrpfoxhunt.org/summer\\_rules.htm](http://www.qrpfoxhunt.org/summer_rules.htm)

NCCC RTTY Sprint  
01:45 - 02:15 UTC 10 July  
Mode: RTTY  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 12 July 2015  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint  
02:30 - 03:00 UTC 10 July  
Mode: (see rules)  
Bands: (see rules)  
Classes: (none)  
Exchange: Serial no, name and QTH  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 12 July 2015  
E-mail logs to: (none)  
Post log summary at:  
<http://www.3830scores.com/>  
Mail logs to: (none)  
Find rules at:  
<http://www.ncccsprint.com/rules.html>

#### FISTS Summer Sprint

00:00 - 04:00 UTC 11 July

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: QRP; QRO; Club

Max power: QRO: 100 watts; QRP: 5 watts

Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-FISTS: RST, state, province or country, first name and power

Work stations: Once per band

QSO Points: 5 points per QSO with FIST member; FIST members: 2 points per QSO with non-FIST member

Multipliers: Each US state and VE province once; Each DXCC country once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 August 2015

E-mail logs to: [n2ed@fistsna.org](mailto:n2ed@fistsna.org)

Mail logs to: FISTS Sprint Log, c/o Ed Wlodarski, N2ED, 3 Shore Rd., Andover, NJ 07821-2240, USA

Find rules at:

<http://www.fistsna.org/operating.html#sprints>

#### IARU HF World Championship

12:00 UTC 11 July to 12:00 UTC 12 July

Mode: CW, Phone

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - CW, phone or mixed - QRP, low or high; Single Op Unlimited - CW, phone or mixed - QRP, low or high; Multi-Single; IARU Member Society HQ

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: IARU HQ: RS(T) and IARU Society; Non-HQ: RS(T) and ITU Zone No

Work stations: Once per band per mode

QSO Points: 1 point per QSO with same zone or with HQ stations; 3 points per QSO with different zone on same continent; 5 points per QSO with different zone on different continent

Multipliers: Each ITU zone once per band; Each IARU HQ and each IARU official once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 12:00 UTC 11 August 2015

E-mail logs to: [IARUHF@iaru.org](mailto:IARUHF@iaru.org)

Mail logs to: IARU HF Championship, IARU International Secretariat, Box 310905, Newington, CT 06111, USA

Find rules at: <http://www.arrl.org/iaru-hf-championship>

#### SKCC Weekend Sprintathon

12:00 UTC 11 July to 24:00 UTC 12 July

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Max operating hours: 24

Exchange: RST, state, province or country, name and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 19 July 2015

Post log summary at:

<http://wes.m0trn.com/submission.php>

Mail logs to: (none)

Find rules at:

[http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

#### CQC Great Colorado Gold Rush

20:00 - 21:59 UTC 12 July

Mode: CW

Bands: 20 m Only

Classes: W: Wire antennas; V: Vertical antenna; B: Beam antenna; P: Portable operation, any antenna

Max power: 5 watts

Exchange: RST, state, province or country, class and member no or power output

Work stations: Once per 30 minutes (max of 3 times)

QSO Points: 3 points per 1st QSO with a station; 2 points per 2nd QSO with a station; 1 point per 3rd QSO with a station; 100 points for first QSO with W0CQC and N0CQC

Multipliers: Each state, province, country once; Each club member once

Score Calculation: Total score = total QSO points x total state/province/country mults x member mults

Submit logs by: 11 August 2015

E-mail logs to: [vkumagai@q.com](mailto:vkumagai@q.com)

Mail logs to: (none)

Find rules at:

<http://www.cqc.org/contests/gold2015.htm>

## Next Week's Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 15 July and 03:00 - 04:00 UTC 16 July

RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 15 July

NAQCC CW Sprint, 00:30 - 02:30 UTC 16 July

QRP Fox Hunt, 01:00 - 02:30 UTC 17 July

NCCC RTTY Sprint, 01:45 - 02:15 UTC 17 July

NCCC Sprint, 02:30 - 03:00 UTC 17 July

Trans-Tasman Low-Bands Challenge, 08:00 - 14:00 UTC 18 July

SARL Winter QRP Contest, 12:00 - 15:00 UTC 18 July

DMC RTTY Contest, 12:00 UTC 18 July to 12:00 UTC 19 July

Feld Hell Sprint, 16:00 - 17:59 UTC 18 July

North American QSO Party, RTTY, 18:00 UTC 18 July to 05:59 UTC 19 July

CQ Worldwide VHF Contest, 18:00 UTC 18 July to 21:00 UTC 19 July

RSGB Low Power Contest, 09:00 - 12:00 UTC and 13:00 - 16:00 UTC 19 July

Run for the Bacon QRP Contest, 01:00 - 03:00 UTC 20 July

## Ordering South African Radio League generic QSL cards

Willem, ZS6X, says the generic QSL cards are sold in batches of 100 at a price of R50 (postage included). Do not make any deposits before confirmation of availability of cards. Deposit the amount in the South African Radio League account number 407 158 884 9 - ABSA, Branch code 632005.

Please use your call sign or initials and surname as a reference during the payments e.g. **ZS6X/WJ Weideman - QSL cards**. Send me an e-mail to [zs6wwj@gmail.com](mailto:zs6wwj@gmail.com) with proof of payment and I will post the cards to the address as listed on the South African Radio League database.

Die QSL kaarte is beskikbaar in bestellings van 100 teen R50 (posgeld ingesluit). Moet geen inbetalings maak alvorens jy vasgestel het of kaarte beskikbaar is nie. Betaal die bedrag in die Suid-Afrikaanse Radioliga se bank rekening; rekening nommer 407 158 884 9 - ABSA, Takkode 632005

As verwysing gebruik asseblief jou roepsein of voorletter en van, tydens die betaling b.v. **ZS6A/PA van Deventer - QSL kaarte**. Stuur vir my 'n e-pos aan [zs6wwj@gmail.com](mailto:zs6wwj@gmail.com) met bewys van betaling en ek pos die kaarte na die adres op die Suid-Afrikaanse Radioliga databasis.

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL DX Newsletter, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin

